KAS: KY.3.0A.8

What is the domain/conceptual category/big idea? Operations and Algebraic Thinking	
Standards for Mathematical Practice	
MP.1. Make sense of problems and persevere in solving them. MP.2. Reason abstractly and quantitatively. MP.3. Construct viable arguments and critique the reasoning of others. MP.4. Model with mathematics.	MP.5. Use appropriate tools strategically. MP.6. Attend to precision. MP.7. Look for and make use of structure. MP.8. Look for and express regularity in repeated reasoning.
Cluster: What is the broader understanding that the standard plays a role in building? Solve Droblems involving the four operations dro	
Standards	Clarifications explain patterns in arity
• Identify the target of the standard: o conceptual understanding o procedural skill/fluency application Consider how the target of the standard will have an impact on instruction and assessment. (For more information, refer to p. 7, 10 and 15 of KAS for Mathematics.) Use tables from appendix A Table 1 è 2 on pages 254 and 255 of the KAS for Mathematics.* In table 2 the compare situation problems are not expected until Grade 4! • What key mathematics should students know and be able to do? Students will need to be very well versed in the different types of word problems like: unknown product, group size unknown, number of groups unknown, utilizing a letter for the unknown.	
Attending to the Standards for Mathematical Practice	
How are students engaging in the mathematical practices as they learn this content? (For more information, refer to p. 12-15 of KAS for Mathematics.) HP.I When Students are given a non-straight boward story situation, they have to decide on ways to make sense of the problem.	
MP.4 Students will make sense of a situation and therefore will solve the problem using a model. One student might decide to use a bar diagram, where another writes an equation.	